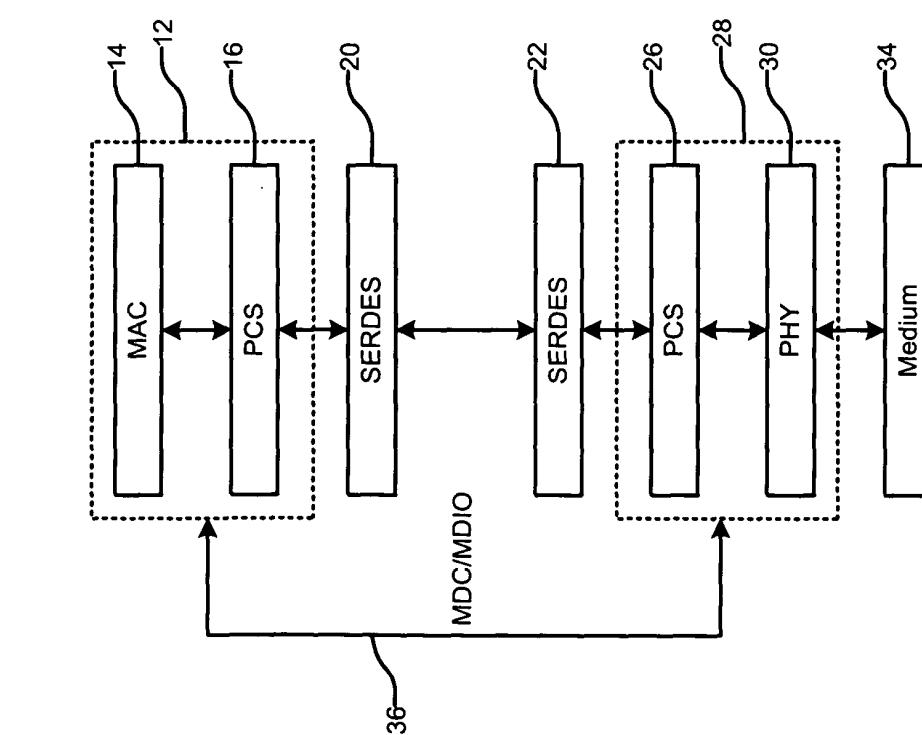
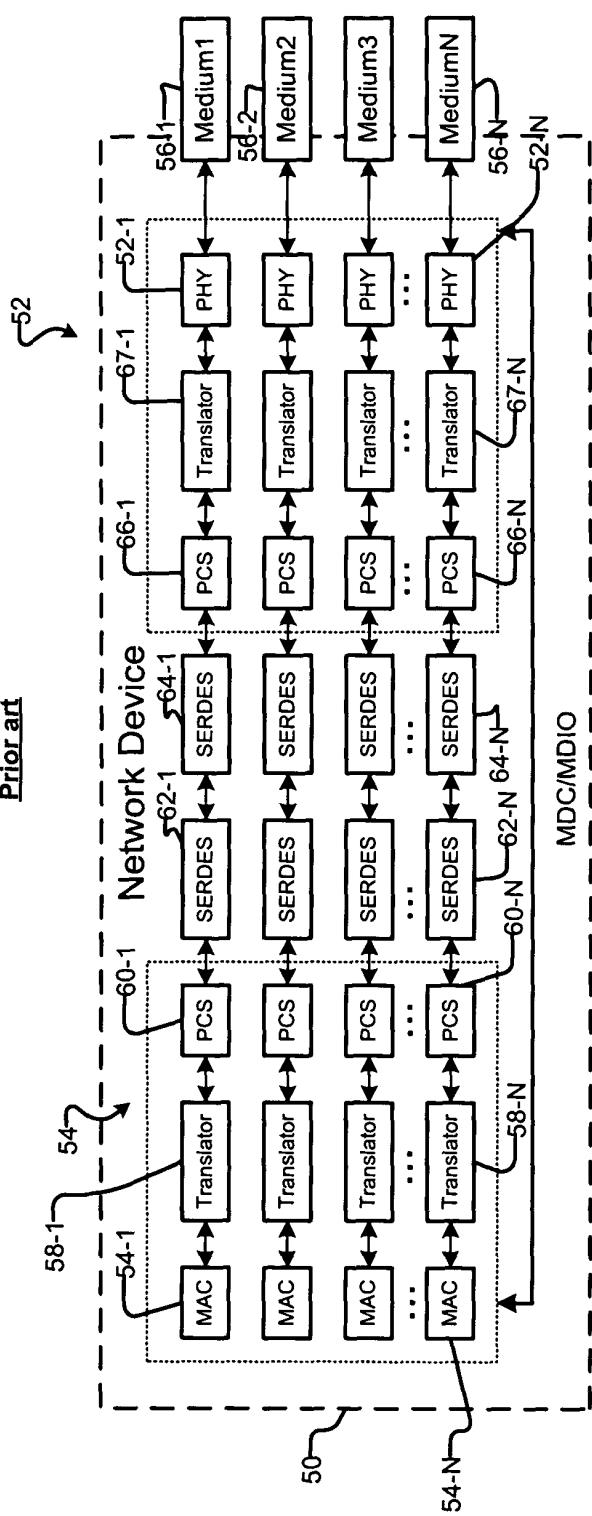


**FIG. 4**

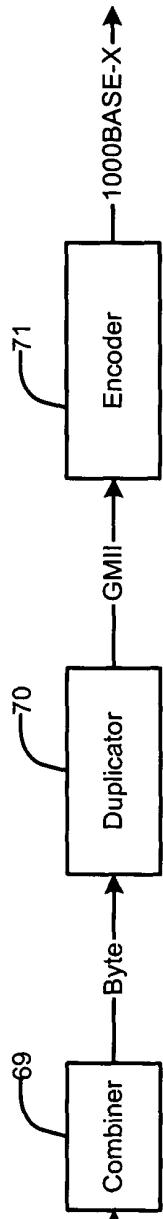


**FIG. 1**  
Prior art

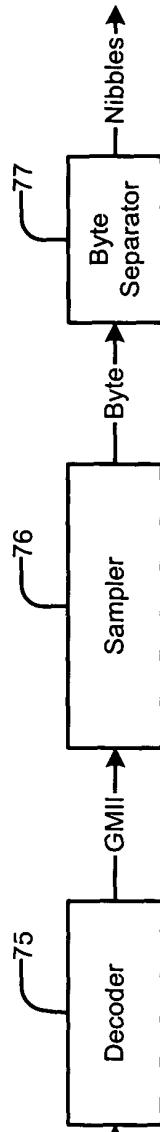
**FIG. 2** Prior art

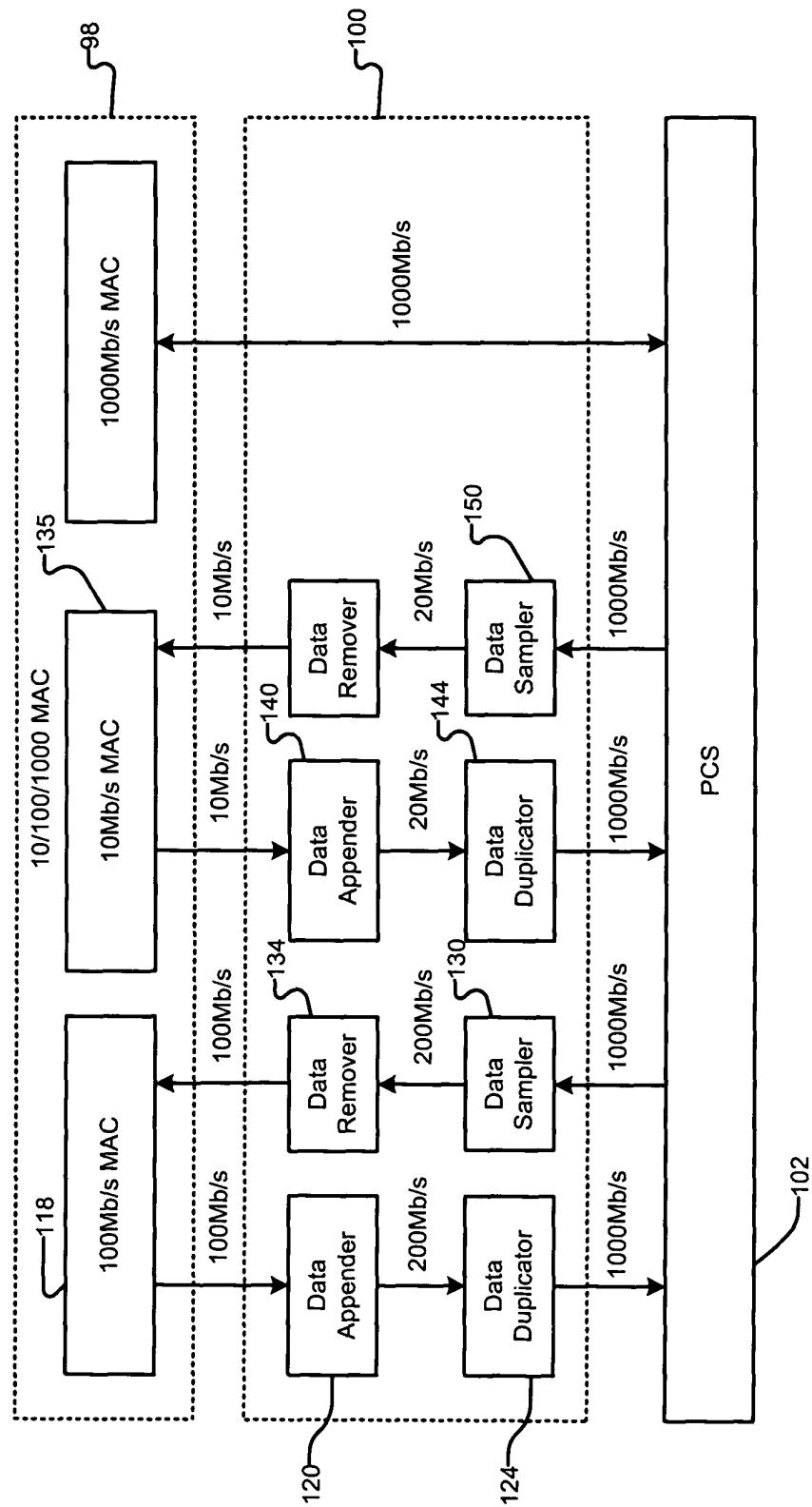


**FIG. 3A** Prior art

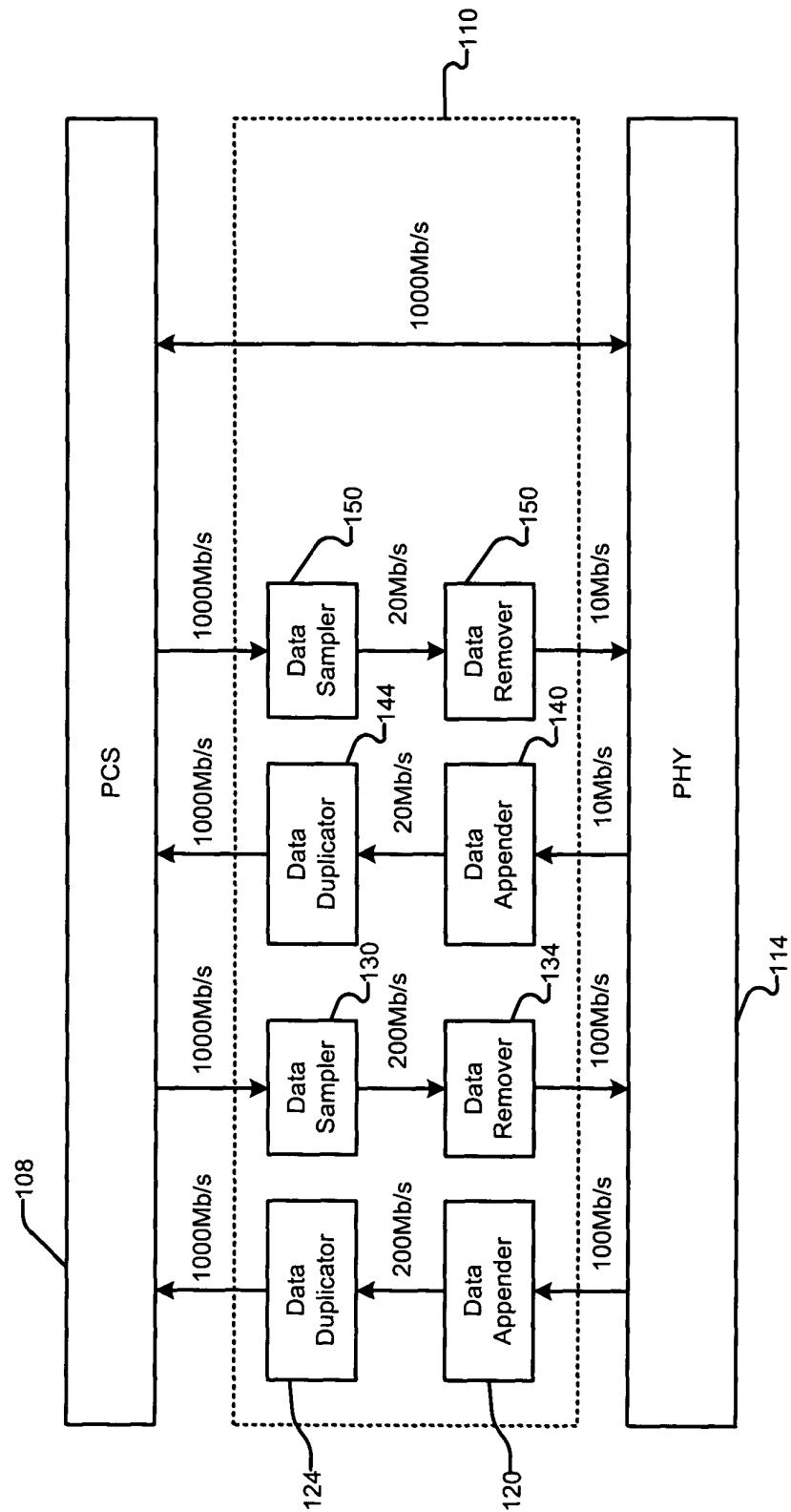


**FIG. 3B** Prior art



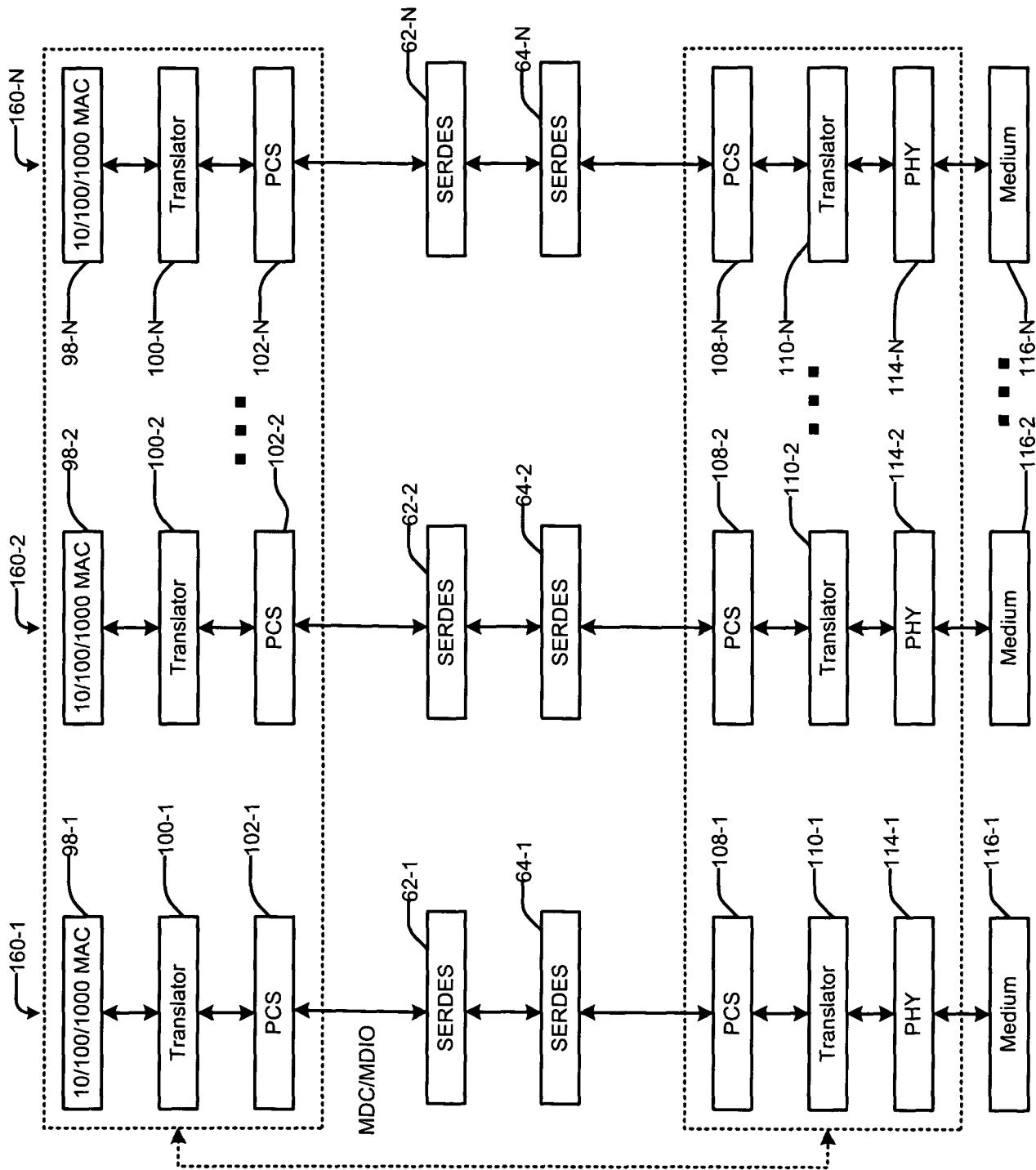


**FIG. 5A**



**FIG. 5B**

**FIG. 6**



Title: MULTI-SPEED SERIAL INTERFACE FOR MEDIA ACCESS  
CONTROL AND PHYSICAL LAYER DEVICES

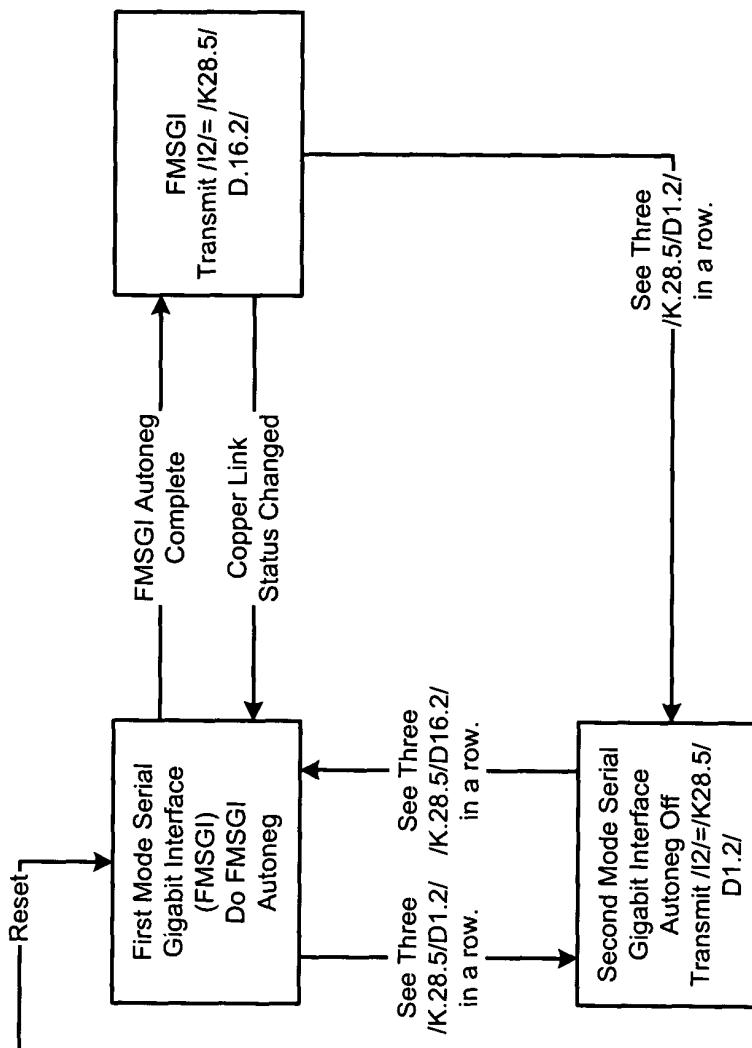
Inventors: Lo, William et al.

Atty. Ref.: MP0290

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<u>Upper Nibble</u>	<u>Lower Nibble</u>	<u>First 5 or 50 bytes sent</u>	<u>Next 5 or 50 bytes sent</u>	<u>Comment</u>
Data B	Data A	0101[Data A]	0101[Data B]	Normal packet data.
Idle	Don't Care	Idle	Idle	Drop nibble.
False Carrier	Don't care	Idle	Idle	Cannot transmit a false carrier on SERDES.
Don't Care	False Carrier	Idle	Idle	Cannot transmit a false carrier on SERDES.
Symbol Error	Don't Care	Symbol Error	Symbol Error	The lower nibble is replaced with symbol error.
Non-Idle	Symbol Error	Symbol Error	Symbol Error	The upper nibble is replaced with symbol error.
Non-Idle	Idle	N/A	N/A	This condition is impossible since first non-idle will always be placed in the lower nibble.

FIG. 7



**FIG. 8**